

Shell sold by Amoco Pet. to C.R. Inc. on
May 1, 1967.

Scout Report sent out	<input type="checkbox"/>
Noted in the NID File	<input checked="" type="checkbox"/>
Location map pinned	<input type="checkbox"/>
Approval or Disapproval Letter	<input type="checkbox"/>
Date <u>Completed</u> , P. & A, or operations suspended	<u>2/4/56 shut down</u>
Pin changed on location map	<input type="checkbox"/>
Affidavit and Record of A & P	<input type="checkbox"/>
Water Shut-Off Test	<input type="checkbox"/>
Gas-Oil Ratio Test	<input type="checkbox"/>
Well Log Filed	<input checked="" type="checkbox"/>

Checked by Chief	<input checked="" type="checkbox"/>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<input checked="" type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
Location to be tested	<input type="checkbox"/>
State of Fire Land	<input type="checkbox"/>
Long (ft)	<input type="checkbox"/>
Lat. <u>EV 1</u> <u>2</u>	<input checked="" type="checkbox"/>
Mi-L <u>2</u>	<input type="checkbox"/>
Sonic <u>2</u>	<input type="checkbox"/>
Others <u>2</u>	<input checked="" type="checkbox"/>

THE AMERICAN METAL COMPANY, LIMITED

205 MAYO-SCHLESSMAN BUILDING
1930 SHERMAN STREET
DENVER 3, COLORADO
TELEPHONE CHERRY 4-4423

January 26, 1956

MAIN OFFICE:
61 BROADWAY
NEW YORK 6, N. Y.

Mr. Herbert F. Smart, Commissioner
Oil and Gas Conservation Commission
Room 105 - State Capitol Bldg.
Salt Lake City, Utah

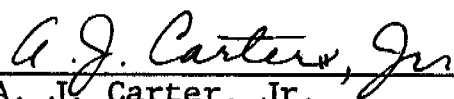
Dear Mr. Smart:

Enclosed is an approved copy of Form 9-331a

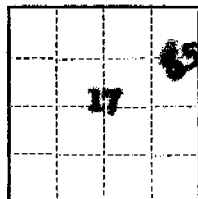
"Notice of Intention to Drill" for the Bar "X"

Unit No. 5 in Grand County, Utah.

Yours very truly,


A. J. Carter, Jr.
Supervising Petroleum Engineer

AJC, Jr./eh
Encl.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office **Salt Lake City**
Lease No. **064807**
Unit **Bar "X"**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 13, 1956

Well No. **5** is located **1980** ft. from **[N]** line and **660** ft. from **[E]** line of sec. **17****RR/4 Sec. 17**
($\frac{3}{4}$ Sec. and Sec. No.)**17S**
(Twp.)**26E**
(Range)**3.L.M.**
(Meridian)**Bar "X"**
(Field)**Grand**
(County or Subdivision)**Utah**
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

To drill a well with rotary tools at the above location to penetrate approximately 400' into the Morrison Formation. Approximately 150' of 8-5/8" O.D., 24#, surface casing will be set and cemented to the surface and pressure tested.

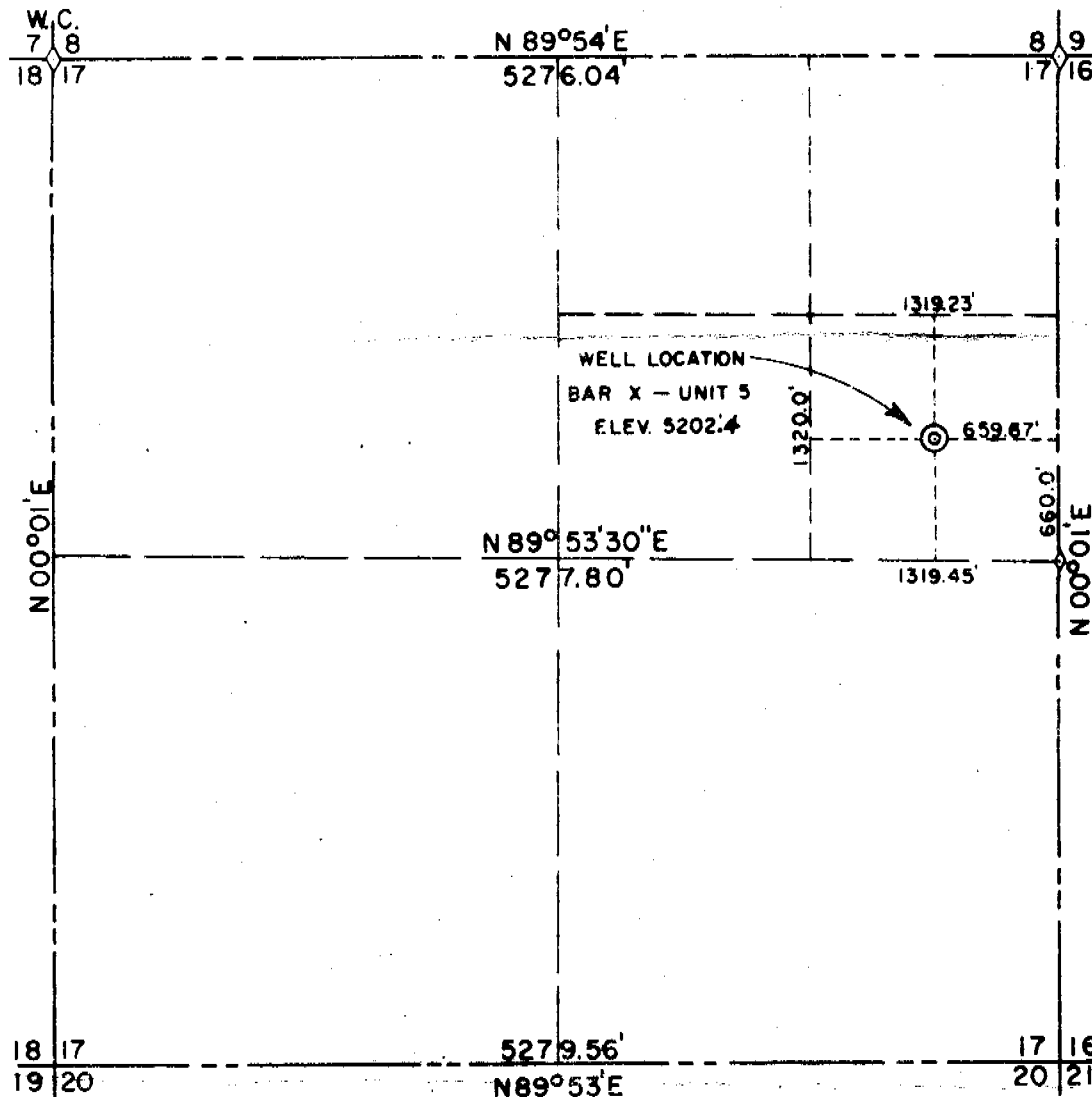
In the event that future testing indicates commercial quantities of gas and/or oil, 5 1/2" O.D., 14#, casing will be set and cemented with from 250 to 600 ft cement.

I understand that this plan or work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The American Metal Company, Limited**Address **1930 Sherman St.****Denver 3,****Colorado**

By

Title **Supervising Petroleum Engineer**



AMERICAN METALS
 BAR X - UNIT NO. 5
 CENTER SE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 17
 T 17 S , R 26 E , S. L. B. & M.

AMERICAN METALS CO. LTD.

JAN 17 1956

I, Richard James Mandeville, do hereby certify that this
 plat was plotted from notes of a field survey made under
 my supervision on January 12, 1956.

Richard James Mandeville
 Registered Engineer & Land Surveyor

WESTERN ENGINEERS
 WELL LOCATION
 AMERICAN METALS
 BAR X - UNIT NO. 5
 GRAND COUNTY, UTAH

SURVEYED BY *R.J.M.*
 DRAWN BY *R.J.M.*

GRAND JUNCTION, COLO.

1-14-56

FEDERAL LAND

CONDITIONS OF APPROVAL

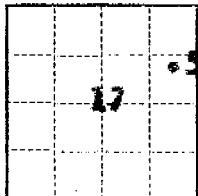
1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash, and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and when available two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, E. F. Russell, 306 Federal Building, Salt Lake City 1, Utah, shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

SLC-064807

JAN 10 1956

E. F. Russell

District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **064807**
Unit **Bar "X"**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 27, 1956

Well No. **S** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **17**

NE/4 Section 17
(1/4 Sec. and Sec. No.)

17S
(Twp.)

26E
(Range)

S.L.M.
(Meridian)

Bar "X"
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is **5213** ft. **K.B.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 1/20/56.

Ran 8-5/8" O.D., 24#, H-40, 8 rd. thd., short T & C, seal. at surface casing set at 149', cemented with 100 ex. cement plus 2% calcium chloride on 1/21/56.

Tested surface casing with 500 psig for 30 min. and surface pipe held OK. WOC 24 hrs.

D rilling at 2865' on 1/27/56.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The American Metal Company, Limited**

Address **1930 Sherman St.**

Denver 3, Colorado

By

Title

Supervising Petroleum Engr.

THE AMERICAN METAL COMPANY, LIMITED

61 BROADWAY
NEW YORK 6, N.Y.

TELEPHONE BOWLING GREEN 9-1800
CABLE ADDRESS: EFFLUX, NEW YORK

PLEASE ADDRESS REPLY TO Oil Division - 1930 Sherman St. - Denver 3, Colorado

SUBJECT: Form 9-331a - Bar "X" Unit No. 5

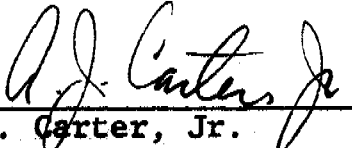
February 1, 1956

Mr. Herbert F. Smart
Oil & Gas Conservation Commission
Room 105 - State Capitol Building
Salt Lake City, Utah

Dear Mr. Smart:

Enclosed is an approved copy of U. S.
Form 9-331a "Subsequent Report of Water Shut-off"
on the Bar "X" Unit No. 5 in Grand County, Utah.

Yours very truly,

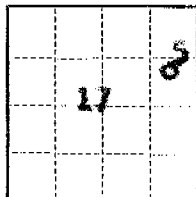


A. J. Carter, Jr.
Supervising Petroleum Engineer

AJC, Jr./eh
Encl.

Salt Lake City

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office 064807
Lease No. Bar "X"
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 1, 1956

Well No. 5 is located 1980 ft. from N line and 660 ft. from E line of sec. 17
NE/4 Section 17 17S 26E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bar "X" Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5213 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Notice of intention to drill was approved 1/19/56 to drill 400' into the Morrison formation. To date, no commercial shows have been encountered in this hole to a depth of 400' into the Morrison formation and approval is asked to drill deeper to sufficiently penetrate the Entrada formation to evaluate its productive possibilities.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The American Metal Company, Limited
 Address 1930 Sherman St.
Denver 3, Colorado
 By [Signature]
 Title Supervising Petroleum Engineer

THE AMERICAN METAL COMPANY, LIMITED
61 BROADWAY
NEW YORK 6, N.Y.

TELEPHONE BOWLING GREEN 9-1800
CABLE ADDRESS: EFFLUX, NEW YORK

PLEASE ADDRESS REPLY TO A. J. Carter, Jr. - 1930 Sherman St. - Denver 3
SUBJECT: U. S. Form 9-331a - Bar "X" Unit No. 5

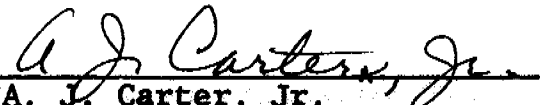
February 6, 1956

Mr. Herbert F. Smart
Oil & Gas Conservation Commission
Room 105 - State Capitol Bldg.
Salt Lake City, Utah

Dear Mr. Smart:

Enclosed is an approved copy of Form 9-331a
"Notice of Intention to Change Plans" on the Bar "X"
Unit No. 5 in Grand County, Utah.

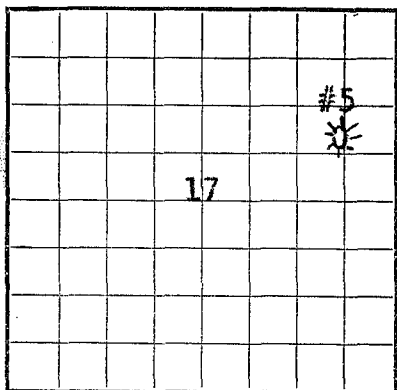
Yours very truly,


A. J. Carter, Jr.
Supervising Petroleum Engineer

AJC, Jr./eh
Encl. 1

Form 9-330

Salt Lake City
U. S. LAND OFFICE
SERIAL NUMBER **SLC 064807**
LEASE OR PERMIT TO PROSPECT **A**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The American Metal Co., Ltd.** Address **1845 Sherman St. - Denver 3**
Lessor or Tract **Bar 'X' Unit** Field **Bar 'X'** State **Utah**
Well No. **5** Sec. **17** T. **17S** R. **26E** Meridian **S.L.B.M.** County **Grand**
Location **1930** ft. **N.** of **N** Line and **660** ft. **E.** of **E** Line of **Section 17** Elevation **5212'**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

P. J. Carter, Jr.

Title **Supervising Petroleum Engr.**

Date **March 20, 1956**

The summary on this page is for the condition of the well at above date.

Commenced drilling **January 20**, 19 **56** Finished drilling **February 4**, 19 **56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3046** to **3066** (**G**) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24	8 rd.	CF&I	149	Howco	-	-	-	Surface csg.
5-1/2"	14	8 rd.	CF&I	3123	Howco	-	3046	3066	Prod string
2-3/8"	4.7	8 rd.	CF&I	3041	Howco	-	3030	3038	Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	149'	100	Howco	-	-
5-1/2"	3123	200	Howco	-	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 3632 feet, and from - feet to - feet
 Cable tools were used from none feet to - feet, and from - feet to - feet

DATES

-----, 19----- Put to producing shut-in, 19-----
 The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %
 emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----
 If gas well, cu. ft. per 24 hours 1,500,000 Gallons gasoline per 1,000 cu. ft. of gas none
 Rock pressure, lbs. per sq. in. 930

EMPLOYEES

W. H. Pease ----- Driller Tool Pusher ----- C. H. Baker -----, Driller
Wayne Warnholtz -----, Driller W. R. Dougless -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2600	2600	30 foot samples were examined and found to contain black to dark gray shale with small amounts of pyrite, bentonite, mica, and inoceramus prisms becoming slightly sandy shale at 2500 feet.
2600	2630	30	Shale, black, slightly sandy and limy, few inoceramus prisms 2 to 3% pyrite, bentonite less than 2%.
2630	2650	20	Shale, dark gray to black; considerably more limy and bentonite 5%-10%, less pyrite.
2650	2680	30	Shale, dark gray to black, bentonite less than 2%, very slight amount of vfg. rust colored sand.
2680	2710	30	Shale and silty shale, slightly glauconitic, shale slightly lighter in color, 5%-10% bentonite.
2710	2750	40	Sandy shale and shale, dark gray to black, few m-grained clear quartz grains rounded to angular, one piece of steel gray sh, considerable f-vf grain loose quartz, few inoceramus prisms, 5%-10% bentonite.
FROM—	TO—	TOTAL FEET	

LOGS/11/11/11 KRCOKO—CONJUNOZ

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2750	2780	30	Silty shale and shale, dark gray, little pyrite, bentonite 15%-20%.
2780	2810	30	Shale, silty sh, dark gray-black, very few free quartz grains, bentonite 1%-2%.
2810	2855	45	Sh & silty sh, dark gray to black, little white mineral (gyp?), 2 to 3 pieces steel gray sh, bentonite 15%.
2855	2860	5	Sand, light gray, quartzitic, very hard and tight, very few distinct grains, bentonite 15% (black sh 70%).
2860	2868	8	Sand-buff-clear, quartzitic in part, about 1/2 of sample has m. grains, sub-angular, shows little black cement (gilsonite) (75% sand, 25% sh).
2868			Circulated sample - Sand, same as above with more granular sand, questionable fluorescence on carbon cut.
2868	2906	38	<u>Core #1: (Cut 36' - Recovered 25')</u> 12' - sand, sub angular, tightly cemented, buff to clear, little gilsonite cement, hard, poor porosity, very little pin point fluorescence, good gas odor on fresh break, few very thin coal streaks.
			3' - Coal
			10' - Shale, dark gray-black, tough, occasional thin coal break, few pyrite inclusions.
2906	2913	7	Sample in general not representative; consists of shale and sandy shale, dark gray-black.
2913	2917	4	Circulated sample, coal (35%), sand & buff 10-15% shale-dark gray-black (50%).
2917			Circulated sample-Sand & sh-sd, vf to f grain sand-buff (40%) sh, dark gray 53% (coal 5%).
2917	2937	20	<u>Core #2: (Cut 20' - Recovered 20')</u> 10' - Shale-dark gray-black, tough, brittle, coal breaks from 1" to 1', slightly sandy in part. 2' - Sand-quartzitic, very hard and tight, fair gas odor on fresh break. 4' - Shale as above.

2937	2950	13	Shale and sand-dark gray black, sand-clear f-m grained angular, tight, cavings?
2950	2980	30	Shale, same as above, w/occasional piece of light green, bentonite 15%, 5% sand as above.
2980	3000	20	Shale, green and blue-green 35%, Bentonite 5%.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	LOCATION	DEPTH	WELL	WATER	WATER	WATER	WATER	WATER	WATER
------	----------	-------	------	-------	-------	-------	-------	-------	-------

A 25 sx cement plug was placed in this well from RTD of 3632' to 3551' to protect the Entrada sand.

The Upper Morrison sand gauged 353 MCF natural, 370 MCF after 500 gals. MCA; and 3,460 MCF after 10,000 gals. Howco Hydrafrac plus 11,000# sand.

This well was killed with rotary mud and as of this date it has not come back to the 3,460 MCF gauge. On March 11, 1956, the well gauged 1,500 MCF but it was still cleaning up and the volume is still slowly increasing.

Commenced drilling _____ Entered drilling _____
The summary on this page is for the condition of the well at above date.

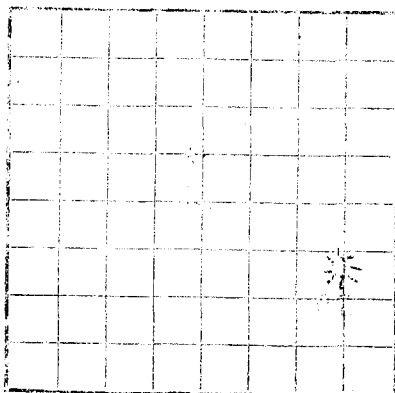
Date _____
Signed _____
so far as can be determined from all available records.

The information given hereafter is a complete and correct record of the well and all work done thereon.

Location _____ of _____ Time and _____ of _____
Well No. _____ Sec. _____ Twp. _____ Range _____
Person or Date _____
Continued _____

FOCAL MFT CORRECTION

LOC OF OIL OR GAS WELL



GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

TYPE OF WELL TO PROSPECT

SEMI-MANUAL

U. S. FIELD OFFICE

APPROPRIATE EXHIBIT IS-47-22
BY POST OFFICE NO. 13-10-2222

FORMATION TOPS

Mancos	(Km)	Surface
Top Dakota	(Kd)	2847 feet
Top Morrison	(Jm)	2952 feet
Top Salt Wash	(Jsw)	3254 feet
Top Entrada	(Je)	3622 feet

**Well commenced in upper Mancos shale and ended
in upper portion of the Entrada formation.**

Elevation - 5213 KB

FORMATION RECORD - Continued

<u>From</u>	<u>To</u>	<u>Total Feet</u>	<u>Formation</u>
3000	3050	50	Shale & sandy shale, green and maroon at top becoming vari-colored downward, bentonite 5%.
3050	3055	5	Sand & shale-sd, buff to clear, angular, sub round-in part quartzitic, remaining sd vf-f grain sub round-round, hard?, shale-as above.
3055	3060	5	Sand & shale-sand as above w/approximately half as much sand, sh-dark gray, greens, little reds.
3060	3070	10	Shale-sandy shale-vari-colored (more reds) green, bentonite 5%, little vf-fg sand.
3070	3100	30	Shale, vari-colored, mostly greens, little reds, bentonite less than 5%.
3100	3150	50	Shale & sandy shale-vari-colored, reds slightly more abundant, mostly green, white soft shale 15%, bentonite less than 2%.
3150	3220	70	Shale & sandy shale-vari-colored, marked increase in reds, white shale-10%, coal 5%, bentonite 1%.
3220	3260	40	Sandy shale, shale-sandy shale-red brown, vfg, shale-vari-colored red, purple, lavender, green, coal 5%, white soft shale 15%, bentonite less than 5%.
3260	3290	30	Sandy shale & shale as above with slightly more sand from 3260-70.
3290	3320	30	Sandy shale & shale as above with increase to 20-25% soft white shale, coal 5%, bentonite 1%.
3320	3370	50	Shale-vari-colored, green, lavender, red, purple, coal 10%, bentonite-nil, white shale 15-20%.
3370	3420	50	Shale-vari-colored, little sdy shale at base and white shale decreasing considerably toward base, bentonite nil.
3420	3490	70	Sandy shale shale-vari-colored, very little white, bentonite nil, sandy shale-vfg.
3490	3530	40	Shale-sandy shale-vari-colored, <u>reds deeper</u> , very little bentonite.
3530	3580	50	Shale-vari-colored, 5-10% white.
3580	3630	50	Shale-vari-colored, bentonite increasing to 5-10%.
3632			Circulated sample-Sand, buff, vfg, rounded, very little sand in sample, mostly vari-colored shale.

T.D. 3632'

THE AMERICAN METAL COMPANY, LIMITED

412 SHELL BUILDING
1845 SHERMAN STREET
DENVER 3, COLORADO
TELEPHONE CHERRY 4-4423

March 22, 1956

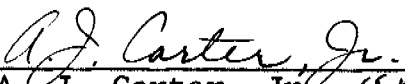
MAIN OFFICE
61 BROADWAY
NEW YORK 6, N. Y.

Mr. Herbert F. Smart
Oil & Gas Conservation Commission
Room 105 - State Capitol Bldg.
Salt Lake City, Utah

Dear Mr. Smart:

Enclosed is one copy of Form 9-330 on
the Bar "X" Unit No. 5 in Grand County, Utah,
together with copies of the Electrical Log and
Microlog.

Yours very truly,


A. J. Carter, Jr. (E.N.)
Supervising Petroleum Engineer

AJC, Jr.
Encls.

70

PI

TERRA RESOURCES, INC.

March, 1970

Division of Oil and Gas Conservation

1588 West North Temple

Salt Lake City, Utah 84116

Re: Initial Report
Terra Resources, Inc.


Effective March 1, 1970, a reorganization of CRA, Inc., a Kansas corporation, occurred. Effective that date the Production and Exploration Divisions of CRA, Inc. were incorporated with the name Terra Resources, Inc. in the State of Delaware.

Attached hereto is Terra Resources, Inc.'s initial report. It covers operation of the leases indicated for the period beginning March 1, 1970.

Please address all future correspondence related to these leases as follows:

Terra Resources, Inc.
Taxation Department
Fourth National Bank Building
Tulsa, Oklahoma 74119

Very truly yours,


M. E. Krause, Controller

MEK:dm
Attachment

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
95772016	BAR X #16	06	02	<u>18</u>	12/85	<u>0800</u>
92002012	BAR X #4 17S. 24E. 18	06	12	<u>1</u>	11/85	<u>T.D.</u>
92003019	BAR X #6 CS 17S. 25E. 11	06	12	<u>13</u>	11/85	<u>1100</u>
92005011	CRITTENDON #1 CASING 17S. 25 12	06	12	<u>13</u>	11/85	<u>1000</u>
92005018	CRITTENDON #1 TUBING " "	06	12	<u>13</u>	11/85	<u>0900</u>
92013014	BAR X #5 17S. 24E. 17	06	12	<u>6</u>	11/85	<u>1000</u>
92292010	BAR X #12 17S. 24E. 17	06	12	<u>6</u>	11/85	<u>1100</u>
92293017	BAR X #13 17S. 24E. 7	06	12	<u>13</u>	11/85	<u>0800</u>
93545015	BAR X #9	06	12	<u>6</u>	11/85	<u>0900</u>
92100012	BAR X #8 17S. 25E. 11	06	12	<u>3</u>	12/85	<u>0900</u>

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077

March 8, 1989

RECEIVED
MAR 10 1989

DIVISION OF
OIL, GAS & MINING

DIVISION OF OIL, GAS & MINING
STATE OF UTAH
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

Re: Bar-X Unit
GRAND COUNTY, UTAH and
MESA COUNTY, COLORADO

Gentlemen:

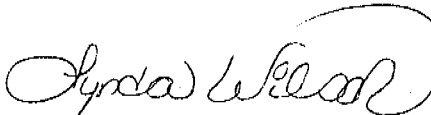
Following is a list of wells and well locations which make up the Utah portion of the Bar-X Unit. Change of operator for this unit was effective January 1, 1989.

019-15022 Crittenden No. 1	SE SE Section 12: T17S-R25E, Grand Co., UT
019-15022 Bar-X Unit No. 3	NE SW Section 12: T17S-R25E, Grand Co., UT
019-15023 Bar-X Unit No. 4	NE NE Section 18: T17S-R26E, Grand Co., UT
019-15024 Bar-X Unit No. 5	SE NE Section 17: T17S-R26E, Grand Co., UT
019-15025 Bar-X Unit No. 6	SE NE Section 11: T17S-R25E, Grand Co., UT
019-15026 Bar-X Unit No. 7	NW NE Section 7: T17S-R26E, Grand Co., UT
019-30494 Bar-X Unit NO. 8	NE NW Section 11: T17S-R25E, Grand Co., UT
019-30597 Bar-X Unit No. 12	NW SE Section 8: T17S-R26E, Grand Co., UT
019-30598 Bar-X Unit No. 13	NW SW Section 7: T17S-R26E, Grand Co., UT

Should you require any further information, please feel free to call.

Very truly yours,

Lone Mountain Production Company



Lynda Wilson

/lw